Consumption of Power in Agriculture, Industry and Domestic Sectors

4048. SHRI IQBAL SINGH:
SHRI SURESH PACHOURI:

Will the Minister of POWER be pleased to state:

(a) what are the details regarding power consumption in (i) Agriculture (ii) Industry and (iii) Domestic Sectors;

(b) what has been the increase in the average cost of power production and supply during the period 1975 to 1992; and

(c) what has been the average realisation from the above three Sectors, separately, during the above years?

THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRI P. V. RANGAYYA NAIDU): (a) The consumption of electricity by Agriculture, Industry and Domestic consumers during 1991-92 (latest figure available) was as given below:

	Units (Mkwh)	(All Boards) % to total sales
(i) Agriculture	57003.10	30.49
(ii) Industry	71778.38	38.39
(iii) Domestic	24989.67	13.32

(b) The average cost of power production and supply in the State Electricity Board (which consists of its own generation, cost of purchased power and cost of transmission) upto the delivery point is as under:

Year	Average cost of all categories p/kwh)
1975	22.52
1981	41.90
1985	65.07
1986	74.64
1987	81.17
1988	91.87
1989	96.07
1990	102.10
1991	110.35
1992	120.90

(c) The average realization from the Agriculture, Industry & Domestic Consumers is given below:

	Agriculture	Avg. rate of realisation	
		Industry (Ps/Kw)	Domestic
1975-76	20.57	17.41	33.47
1980-81	18.93	31.88	39.89
1986-87	17.85	81.45	52.33
1989-90	13.45	106.79	56.38
1990-91	12.62	115.47	
1991-92	12.58	141.70	

Frequent break-down of Power Supply in Country

4049. SHRI DAVID LEDGER: Will the Minister of POWER be pleased to state:

(a) whether it is a fact that there is a frequent break-down in the power supply in the country;

(b) if so, what are the reasons therefor; and

(c) what steps Government propose to take to improve the power situation in the country?

THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRI P. V. RANGAYYA NAIDU): (a) and (b) During the year 1992-93, six major grid disturbances occurred in the country. The Grid disturbances mainly occur due to low voltage caused by inadequate reactive compensation and/or overdrawal by the constituent States, low frequency due to excessive loads, inadequacy of transmission system and shunt capacitors, malfunctioning of protective relays, maloperation due to human error, equipment failure and lack of communication and modern load despatch facilities, etc:

(c) Various measures being taken to improve the availability of power in the country include expediting commissioning of new generating capacity, implementation of short gestation projects, improving the performance of existing power stations, reduction of Transmission & Distribution losses, implementation of demand management and energy conservation measures and arranging transfer of energy from surplus to deficit areas.

Electricity generated in Madhya Pradesh

4050. SHRI SURESH PACHOURI: Will the Minister of POWER be pleased to state:

(a) what is the quantity of electricity generated by the power houses in the State of Madhya Pradesh during the calendar year 1992 and how much electricity was received by it from other States, with details thereof;

(b) how much generating capacity was utilised by the power houses in the State during the year 1992; and

(c) what action Government propose to take to achieve full capacity